

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	control near3 devices and ((update or rewrite) adj new adj (program or memory))	USPAT	OR	ON	2005/02/02 14:06
L2	2	control near3 devices and ((update or rewrite) adj new adj (program or memory)) and signal	USPAT	OR	ON	2005/02/02 14:06
L5	78	control adj vending adj machine	USPAT	OR	OFF	2005/02/02 14:14
L6	2	(control adj vending adj machine) and (new adj program) and signal	USPAT	OR	ON	2005/02/02 14:18
L7	257	(control adj devices) and (new adj program) and signal	USPAT	OR	ON	2005/02/02 14:19
L8	946	(control adj unit) and (new adj program) and signal	USPAT	OR	ON	2005/02/02 14:19
L9	7	(control adj unit) and (transfer adj new adj program) and signal	USPAT	OR	ON	2005/02/02 14:21
L10	8	(control adj unit) and (transfer\$4 adj new adj program) and signal	USPAT	OR	ON	2005/02/02 14:22
L11	0	(control adj unit) and (transfer adj new adj program) and signal and (sub adj control or sub-control)	USPAT	OR	ON	2005/02/02 14:21
S1	1	("5610653").PN.	USPAT; USOCR	OR	OFF	2004/01/08 11:45
S2	1	("6330726").PN.	USPAT; USOCR	OR	OFF	2004/01/08 11:45
S3	1	("6339726").PN.	USPAT; USOCR	OR	OFF	2005/02/02 14:14
S4	0	("66251158").PN.	USPAT; USOCR	OR	OFF	2004/01/08 11:47
S5	1	("6625158").PN.	USPAT; USOCR	OR	OFF	2004/01/08 11:47
S6	1560	edit\$4 adj program	USPAT	OR	ON	2004/01/07 16:59
S7	0	((edit\$4 adj program) and rewrit\$4 adj program) and vending adj machine	USPAT	OR	ON	2003/12/30 10:47
S8	5	(edit\$4 adj program) and rewrit\$4 adj program	USPAT	OR	ON	2003/12/30 10:53
S9	1	("6233255").PN.	USPAT; USOCR	OR	OFF	2003/12/30 10:48
S10	389	rewrit\$4 adj program	USPAT	OR	ON	2003/12/30 15:18
S11	2	(rewrit\$4 adj program) and (vending adj machine)	USPAT	OR	ON	2003/12/30 10:53
S12	0	(rewrit\$4 adj program and machine) and vendinh	USPAT	OR	ON	2003/12/30 10:59

S13	1	("6401010").PN.	USPAT; USOCR	OR	OFF	2003/12/30 15:15
S14	2	(rewrit\$4 adj program and machine) and vending	USPAT	OR	ON	2003/12/30 15:15
S15	151	rewrit\$4 adj program and machine	USPAT	OR	ON	2003/12/30 15:17
S16	389	rewrit\$4 adj program	USPAT	OR	ON	2003/12/30 15:19
S17	0	(rewrit\$4 adj program) and (automatic adj machine)	USPAT	OR	ON	2003/12/30 15:19
S18	101	(rewrit\$4 adj program) and (automatic)	USPAT	OR	ON	2003/12/30 15:19
S19	0	(rewrit\$4 adj program) and automatic same (increas\$4 adj data adj transfer\$4)	USPAT	OR	ON	2003/12/30 15:20
S20	0	(rewrit\$4 adj program) and automatic same (transfer\$4 adj rate)	USPAT	OR	ON	2003/12/30 15:20
S21	0	(rewrit\$4 adj program) and automatic same (increas\$4 adj rate)	USPAT	OR	ON	2003/12/30 15:21
S22	3	(rewrit\$4 adj program) and automatic same (increas\$4)	USPAT	OR	ON	2003/12/30 15:22
S23	0	(rewrit\$4 adj program) and automatic and (increas\$4 adj transfer\$4)	USPAT	OR	ON	2003/12/30 15:22
S24	0	(rewrit\$4 adj program) and automatic and (increas\$4 adj rate)	USPAT	OR	ON	2003/12/30 15:22
S25	1	(rewrit\$4 adj program) and automatic and (transfer\$4 adj rate)	USPAT	OR	ON	2003/12/30 15:23
S26	349	increas\$4 adj transfer\$4 adj rate	USPAT	OR	ON	2003/12/30 15:24
S27	1	(increas\$4 adj transfer\$4 adj rate) and automatic same vend\$4	USPAT	OR	ON	2003/12/30 15:25
S28	0	(increas\$4 adj transfer\$4 adj rate) and vend\$4 same machine	USPAT	OR	ON	2003/12/30 15:25
S29	12	(increas\$4 adj transfer\$4 adj rate) and vend\$4	USPAT	OR	ON	2003/12/30 15:28
S30	9	(increas\$4 adj transfer\$4 adj rate) and vend\$4 and machine	USPAT	OR	ON	2003/12/30 15:26
S31	0	(increas\$4 adj transfer\$4 adj rate) and vend\$4 with machine	USPAT	OR	ON	2003/12/30 15:26
S32	8	((increas\$4 adj transfer\$4 adj rate) and vend\$4 and machine ) and speed adj increas\$4	USPAT	OR	ON	2003/12/30 15:52
S33	2	(increas\$4 adj transfer\$4 adj rate) and vend\$4 same protocol	USPAT	OR	ON	2003/12/30 15:28
S34	2	(switch\$4 adj protocol) and normal adj protocol	USPAT	OR	ON	2003/12/30 15:32

S35	717	switch\$4 adj protocol	USPAT	OR	ON	2003/12/30 15:36
S36	0	(switch\$4 adj protocol) and (rewrite adj program)	USPAT	OR	ON	2003/12/30 15:34
S37	717	switch\$4 adj protocols	USPAT	OR	ON	2003/12/30 15:36
S38	216	switch\$4 adj protocols same transmit\$4	USPAT	OR	ON	2003/12/30 15:37
S39	28	switch\$4 adj protocols same transmit\$4 adj data	USPAT	OR	ON	2003/12/30 15:36
S40	0	switch\$4 adj protocols same(increas\$4 adj rate)	USPAT	OR	ON	2003/12/30 15:37
S41	0	switch\$4 adj protocols same (increas\$4 adj rate)	USPAT	OR	ON	2003/12/30 15:37
S42	0	switch\$4 adj protocols same (transfer adj increas\$4)	USPAT	OR	ON	2003/12/30 15:38
S43	35	switch\$4 adj protocols same increas\$4	USPAT	OR	ON	2003/12/30 15:38
S44	26	switch\$4 adj protocols same increas\$4 and speed	USPAT	OR	ON	2003/12/30 15:38
S45	3	switch\$4 adj protocols same (increas\$4 adj speed)	USPAT	OR	ON	2003/12/30 15:38
S46	826	automatic adj vend\$4 adj machine	USPAT	OR	ON	2003/12/30 16:42
S47	0	(automatic adj vend\$4 adj machine) same (rewrite adj program)	USPAT	OR	ON	2003/12/30 16:00
S48	0	(automatic adj vend\$4 adj machine) and (rewrite adj program)	USPAT	OR	ON	2003/12/30 16:00
S49	0	(automatic adj vend\$4 adj machine) and (rewrite near3 program)	USPAT	OR	ON	2003/12/30 16:00
S50	16	(automatic adj vend\$4 adj machine) and rewrite	USPAT	OR	ON	2003/12/30 16:01
S51	162	rewrite adj program	USPAT	OR	ON	2003/12/30 16:53
S52	1	(rewrite adj program) and vend\$4 adj machine	USPAT	OR	ON	2003/12/30 16:43
S53	1	(rewrite adj program) same vend\$4 with machine	USPAT	OR	ON	2003/12/30 16:53
S54	0	(rewrite adj program) same vend\$4 with control adj units	USPAT	OR	ON	2003/12/30 16:54
S55	0	(rewrite adj program) same machine with control adj units	USPAT	OR	ON	2003/12/30 16:54
S56	0	(rewrite adj program) same machine with (control adj units)	USPAT	OR	ON	2003/12/30 16:54
S57	0	(rewrite adj program) same machine same (control adj units)	USPAT	OR	ON	2003/12/30 16:54

S58	1	(rewrite adj program) same machine and (control adj units)	USPAT	OR	ON	2003/12/30 16:55
S59	1	("4117459").PN.	USPAT; USOCR	OR	OFF	2003/12/30 16:56
S60	1	("4282575").PN.	USPAT; USOCR	OR	OFF	2003/12/30 16:58
S61	1	("4834231").PN.	USPAT; USOCR	OR	OFF	2003/12/30 17:00
S62	0	("controladjunits").PN.	USPAT; USOCR	OR	OFF	2003/12/30 17:01
S63	131308	control adj units	USPAT	OR	ON	2003/12/30 17:01
S64	145	control adj units same (vending adj machine)	USPAT	OR	ON	2003/12/30 17:01
S65	4	control adj units same (vending adj machine) same (control adj device)	USPAT	OR	ON	2003/12/30 17:01
S66	32648	control adj devices	USPAT	OR	ON	2004/01/07 17:05
S67	0	mail adj control adj devices	USPAT	OR	ON	2004/01/07 16:59
S68	14	main adj control adj devices	USPAT	OR	ON	2004/01/07 16:59
S69	14	main adj control adj devices same control adj device	USPAT	OR	ON	2004/01/07 17:03
S70	6	main adj control adj devices same connect\$4	USPAT	OR	ON	2004/01/07 17:09
S71	0	(main adj control adj devices same control adj device) and rewrite adj memory	USPAT	OR	ON	2004/01/07 17:04
S72	227	rewrite adj memory	USPAT	OR	ON	2004/01/07 17:04
S73	0	rewrite adj memory same control adj devices	USPAT	OR	ON	2004/01/07 17:04
S74	0	(rewrite adj memory) same (control\$4 adj devices)	USPAT	OR	ON	2004/01/07 17:05
S75	0	control adj devices same rewrite adj program	USPAT	OR	ON	2004/01/07 17:05
S76	0	control adj devices same rewrite adj memory	USPAT	OR	ON	2004/01/07 17:05
S77	6	control adj devices and rewrite adj memory	USPAT	OR	ON	2004/01/07 17:07
S78	8	control adj devices and rewrite adj program	USPAT	OR	ON	2004/01/07 17:07
S79	217197	control adj system	USPAT	OR	ON	2004/01/07 17:09
S80	2	control adj system same rewrite adj program	USPAT	OR	ON	2004/01/07 17:10
S81	15678	control adj system same connect\$4 same device	USPAT	OR	ON	2004/01/07 17:10
S82	3646	dispen\$4 adj machine	USPAT	OR	ON	2004/01/07 17:11

S83	1085763	dispen\$4 adj machine same control devices	USPAT	OR	ON	2004/01/07 17:11
S84	0	dispen\$4 adj machine same control adj devices same rewrite adj program	USPAT	OR	ON	2004/01/07 17:11
S85	8	dispen\$4 adj machine same control adj devices	USPAT	OR	ON	2004/01/07 17:13
S86	48	vend\$4 adj machine same control adj devices	USPAT	OR	ON	2004/01/07 17:13
S87	0	vend\$4 adj machine same control adj devices same rewrite adj program	USPAT	OR	ON	2004/01/07 17:13
S88	2	vend\$4 adj machine same control adj devices same send\$4 adj signal	USPAT	OR	ON	2004/01/07 17:15
S89	48	vend\$4 adj machine same control adj devices	USPAT	OR	ON	2004/01/07 17:15
S90	0	vend\$4 adj machine same control adj devices same update adj program	USPAT	OR	ON	2004/01/07 17:16
S91	1	vend\$4 adj machine same update adj program	USPAT	OR	ON	2004/01/07 17:17
S92	0	vend\$4 adj machine same main adj control adj device	USPAT	OR	ON	2004/01/07 17:17
S93	269	main adj control adj device	USPAT	OR	ON	2004/01/07 17:17
S94	14	main adj control adj devices	USPAT	OR	ON	2004/01/07 17:17
S95	435766	main adj control adj devices same update memory	USPAT	OR	ON	2004/01/07 17:18
S96	0	main adj control adj devices same update adj memory	USPAT	OR	ON	2004/01/07 17:18
S97	0	main adj control adj devices same update adj program	USPAT	OR	ON	2004/01/07 17:18
S98	0	main adj control adj devices same send\$4 adj signal	USPAT	OR	ON	2004/01/07 17:18
S99	0	main adj control adj devices and update adj program	USPAT	OR	ON	2004/01/07 17:18
S10 0	14	main adj control adj devices	USPAT	OR	ON	2004/01/07 17:31
S10 1	1399278	new ajd program	USPAT	OR	ON	2004/01/07 17:31
S10 2	3986	new adj program	USPAT	OR	ON	2004/01/07 17:32
S10 3	223	main adj program adj control	USPAT	OR	ON	2004/01/07 17:32
S10 4	0	main adj program adj control adj devices	USPAT	OR	ON	2004/01/07 17:32

S10 5	0	main adj program adj control same connect\$4 adj devices	USPAT	OR	ON	2004/01/07 17:33
S10 6	3	main adj program adj control and connect\$4 adj devices	USPAT	OR	ON	2004/01/07 17:34
S10 7	0	main adj control adj device and connect\$4 adj devices and update adj memory	USPAT	OR	ON	2004/01/07 17:34
S10 8	4	main adj control adj device and connect\$4 adj devices	USPAT	OR	ON	2004/01/07 17:35
S10 9	0	main adj control adj device and update adj memory	USPAT	OR	ON	2004/01/07 17:35
S11 0	43	main adj control and update adj memory	USPAT	OR	ON	2004/01/07 17:35
S11 1	1	main adj control same update adj memory	USPAT	OR	ON	2004/01/07 17:36
S11 2	4	control adj devices same update adj memory	USPAT	OR	ON	2004/01/07 17:37
S11 3	19	vend\$4 adj control adj unit	USPAT	OR	ON	2004/01/07 17:37
S11 4	0	vend\$4 adj control adj unit and ((update or rewrite) adj program)	USPAT	OR	ON	2004/01/07 17:38
S11 5	0	vend\$4 adj control adj unit and ((update or rewrite) adj memory)	USPAT	OR	ON	2004/01/07 17:38
S11 6	0	vend\$4 adj control adj unit and ((update) adj memory)	USPAT	OR	ON	2004/01/07 17:38
S11 7	19	vend\$4 adj control adj unit	USPAT	OR	ON	2004/01/07 17:43
S11 8	0	(vend\$4 adj control) same ((update or rewrite) adj (program or memory))	USPAT	OR	ON	2004/01/07 17:43
S11 9	1	(vend\$4 adj control) and ((update or rewrite) adj (program or memory))	USPAT	OR	ON	2004/01/07 17:44
S12 0	25	(devices adj control) and ((update or rewrite) adj (program or memory))	USPAT	OR	ON	2004/01/07 17:47
S12 1	0	(devices adj control) and ((update or rewrite) adj (program or memory)) and increas\$3 adj transfer	USPAT	OR	ON	2004/01/07 17:48
S12 2	0	(main adj control adj devices) and ((update or rewrite) adj (program or memory)) and increas\$3 adj transfer	USPAT	OR	ON	2004/01/07 17:48
S12 3	4	((update or rewrite) adj (program or memory)) and increas\$3 adj transfer	USPAT	OR	ON	2004/01/07 17:49

S12 4	0	vend\$3 adj machine and ((update or rewrite) adj (program or memory)) and increas\$3 adj transfer	USPAT	OR	ON	2004/01/07 17:49
S12 5	26	vend\$3 adj machine and ((update or rewrite) adj (program or memory))	USPAT	OR	ON	2004/01/07 17:50
S12 6	0	vend\$3 adj machine and ((update or rewrite) adj (program or memory))and transfer adj rate	USPAT	OR	ON	2004/01/07 17:50
S12 7	17	vend\$3 adj machine and ((update or rewrite) adj (program or memory))and increas\$3	USPAT	OR	ON	2004/01/07 17:50
S12 8	1	vend\$3 adj machine and ((update or rewrite) adj (program or memory))and increas\$3 with transfer	USPAT	OR	ON	2004/01/07 17:58
S12 9	91	((update or rewrite) adj (program or memory))and increas\$3 with transfer	USPAT	OR	ON	2004/01/07 17:51
S13 0	13	((update or rewrite) adj (program or memory))and increas\$3 with transfer adj rate	USPAT	OR	ON	2004/01/07 17:51
S13 1	13	((update or rewrite) adj (program or memory))and increas\$3 with transfer\$3 adj rate	USPAT	OR	ON	2004/01/07 17:51
S13 2	0	control adj devices same ((update or rewrite) adj (program or memory))and increas\$3 with transfer\$3 adj rate	USPAT	OR	ON	2004/01/07 17:52
S13 3	0	control adj unit same ((update or rewrite) adj (program or memory))and increas\$3 with transfer\$3 adj rate	USPAT	OR	ON	2004/01/07 17:52
S13 4	5	control adj unit and ((update or rewrite) adj (program or memory))and increas\$3 with transfer\$3 adj rate	USPAT	OR	ON	2004/01/07 17:53
S13 5	6	control near3 devices and ((update or rewrite) adj (program or memory))and increas\$3 with transfer\$3 adj rate	USPAT	OR	ON	2005/02/02 14:05
S13 6	0	control near devices and ((update or rewrite) adj (program or memory))and increas\$3 with transfer\$3 adj rate	USPAT	OR	ON	2004/01/07 17:54
S13 7	13	((update or rewrite) adj (program or memory))and increas\$3 with transfer\$3 adj rate	USPAT	OR	ON	2004/01/07 17:55

S13 8	0	((update or rewrite) adj (program or memory))with increas\$3 with transfer\$3 adj rate	USPAT	OR	ON	2004/01/07 17:55
S13 9	0	((update or rewrite) adj (program or memory)) same increas\$3 with transfer\$3 adj rate	USPAT	OR	ON	2004/01/07 17:55
S14 0	1	"4872541".PN.	USPAT	OR	OFF	2004/01/07 17:56
S14 1	1	"5793629".PN.	USPAT	OR	OFF	2004/01/07 17:57
S14 2	1	"5980078".PN.	USPAT	OR	OFF	2004/01/07 17:57
S14 3	1	"6339726".PN.	USPAT	OR	OFF	2004/01/07 17:57
S14 4	2492	((update or rewrite) adj (memory or program))	USPAT	OR	ON	2004/01/07 17:59
S14 5	0	((update or rewrite) adj (memory or program)) with (increas\$3 adj transfer\$3 adj rate)	USPAT	OR	ON	2004/01/07 18:00
S14 6	0	((update or rewrite) adj (memory or program)) with increas\$3 with (transfer\$3 adj rate)	USPAT	OR	ON	2004/01/07 18:00
S14 7	0	((update or rewrite) adj (memory or program))same increas\$3 with (transfer\$3 adj rate)	USPAT	OR	ON	2004/01/07 18:00
S14 8	0	((update or rewrite) adj (memory or program)) same increas\$3 with (transfer\$3 adj rate)	USPAT	OR	ON	2004/01/07 18:00
S14 9	0	((update or rewrite) adj (memory or program)) same increas\$3 same (transfer\$3 adj rate)	USPAT	OR	ON	2004/01/07 18:00
S15 0	19	((update or rewrite) adj (memory or program))and increas\$3 same (transfer\$3 adj rate)	USPAT	OR	ON	2004/01/07 18:01
S15 1	2492	((update or rewrite) adj (memory or program))	USPAT	OR	ON	2004/01/07 18:03
S15 2	694	increase adj data adj transfer\$3	USPAT	OR	ON	2004/01/07 18:02
S15 3	0	"l20" and ( count\$4 same (thread adj connect\$3))	USPAT	OR	ON	2004/01/07 18:02
S15 4	8	((update or rewrite) adj (memory or program)) ) and (increase adj data adj transfer\$3)	USPAT	OR	ON	2004/01/08 08:55
S15 5	1	"4872541".PN.	USPAT	OR	OFF	2004/01/07 18:04
S15 6	8561	((update or rewrite or new) adj (memory or program))	USPAT	OR	ON	2004/01/08 08:55



S15 7	0	((update or rewrite or new) adj (memory or program)) same (increas\$4 adj transfer\$4)	USPAT	OR	ON	2004/01/08 08:56
S15 8	6	vend\$4 adj machine same ((update or rewrite or new) adj (memory or program))	USPAT	OR	ON	2004/01/08 09:05
S15 9	0	("wo9957690").PN.	USPAT; USOCR	OR	OFF	2004/01/08 08:59
S16 0	0	("wo9957690").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/01/08 08:59
S16 1	1	"4366481".PN.	USPAT	OR	OFF	2004/01/08 09:01
S16 2	1	"5930771".PN.	USPAT	OR	OFF	2004/01/08 09:02
S16 3	1	"5608643".PN.	USPAT	OR	OFF	2004/01/08 09:03
S16 4	0	vend\$4 adj dispen\$3 same ((update or rewrite or new) adj (memory or program))	USPAT	OR	ON	2004/01/08 09:05